

IN THE CLAIMS:

Please amend the claims as follows:

40. (Currently Amended) A ~~portable~~ mobile nuclear magnetic resonance imaging demonstration system, comprising:

a wheeled ground transport vehicle having a platform;

a fully assembled scanner device, disposed on the platform; and

control equipment, disposed on the platform;

wherein the scanner device simulates an operational magnetic resonance imaging scanner, under control of the control equipment; and

wherein the wheeled ground transport vehicle is operational to transport the fully assembled scanner device and control equipment.

41. (Currently Amended) The system of claim 40, wherein the transport vehicle includes an enclosure disposed over ~~that encloses~~ at least a portion of the platform.

42. (Previously Added) The system of claim 41, wherein the enclosure encloses the scanner device and the control equipment.

43. (Previously Added) The system of claim 40, wherein the control equipment is connected to the scanner device by conductive wiring.

Cont 44. (Currently Amended) The system of claim 40, wherein the control equipment communicates with the scanner device to control the scanner device by wireless link.

C1 45. (Previously Added) The system of claim 44, wherein the wireless link is an infrared link.

46. (Previously Added) The system of claim 40, wherein the control equipment simulates MRI diagnostic equipment.

47. (Previously Added) The system of claim 40, wherein the transport vehicle further includes a presentation area, wherein operation of the scanner device can be witnessed by observers disposed in the presentation area.

48. (Previously Added) The system of claim 47, wherein the presentation area includes an image display.

49. (Previously Added) The system of claim 48, wherein the image display is connected to the control equipment, to display scan images.

50. (Previously Added) The system of claim 49, wherein the scan images are previously-recorded scan images.

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51. (Currently Amended) The system of claim 47, wherein the presentation area includes ~~audio/visual~~ a video monitor and electronics equipment that provides pre-recorded audiovisual presentations on the video monitor that are related to operation of the magnetic resonance imaging scanner.

52. (Currently Amended) The system of claim 47, further including a terminal connected for communication via a network access point.

53. (Previously Added) The system of claim 41, wherein the enclosure has at least one access door, for allowing admittance to the inside of the enclosure.

54. (Currently Amended) The system of claim 40, wherein a frame of the scanner device is expandable laterally.

55. (Currently Amended) The system of claim ~~54~~ 40, wherein the scanner device is a full-scale replica of an actual ~~substantially the same size as an~~ operational MRI scanner, ~~when the scanner device is expanded.~~

56. (Currently Amended) The system of claim 54, wherein the frame of the scanner device is ~~expandable to an extent that at least a portion of the scanner device~~ includes an unexpanded portion that does not overhang any peripheral edge of the platform, and an expansion portion that at least in part overhangs a peripheral edge of the platform when the frame of the scanner device is expanded laterally.

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57. (Currently Amended) The system of claim 56, wherein the transport vehicle includes an enclosure disposed over ~~that encloses~~ at least a portion of the platform, and the enclosure includes at least one opening to accommodate the at least a portion of the scanner device that overhangs the peripheral edge of the platform.

58. (Previously Added) The system of claim 56, wherein the platform includes at least one extension that, when extended, supports the at least a portion of the scanner device that overhangs the platform.

59. (Previously Added) The system of claim 58, further including a stand, disposed on the ground below the extension, which supports the weight of the extension.

60. (Previously Added) The system of claim 59, wherein the stand is adjustable in height.

61. (Previously Added) The system of claim 60, wherein the stand is a rod having a threaded end attached to the extension.

62. (Currently Amended) The system of claim 57, further including an overhang panel that extends from the enclosure to at least partially project over ~~overhang~~ the scanner device when the at least a portion of the scanner device overhangs the peripheral edge of the platform.

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63. (Currently Amended) The system of claim 57, wherein the enclosure includes an enclosure bay that retractably extends to at least partially enclose the at least a portion of the scanner device that overhangs the peripheral edge of the platform.

64. (Previously Added) The system of claim 63, further including a stand, disposed on the ground below the extension, which supports the weight of the extension.

65. (Previously Added) The system of claim 64, wherein the stand is adjustable in height.

66. (Previously Added) The system of claim 65, wherein the stand is a rod having a threaded end attached to the extension.

67. (Currently Amended) A method of demonstrating operation of a nuclear magnetic resonance imaging system, comprising:

disposing a fully assembled scanner device and control equipment on a platform;

connecting the platform to a wheeled ground transport vehicle;

transporting the platform with the fully assembled scanner device and the control equipment to a location of interest; and

causing the scanner device to simulate an operational magnetic resonance imaging scanner, under control of the control equipment, at the location of interest.

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68. (Previously Added) The method of claim 67, wherein the location of interest is a medical facility.

69. (Previously Added) The method of claim 67, wherein the platform includes a presentation area.

70. (Previously Added) The method of claim 69, further comprising admitting viewers into the presentation area.

71. (Previously Added) The method of claim 70, wherein the viewers are any of hospital administrators, medical technicians, physicians, and potential patients.

72. (Currently Amended) The method of claim ~~67~~ 70, further comprising providing a visual presentation of a scanning sequence to the viewers.

73. (Currently Amended) The method of claim 72, wherein the visual demonstration is a true representation of an operation of the operational magnetic resonance imaging scanner device.

74. (Previously Added) The method of claim 72, wherein the visual demonstration is a pre-recorded representation of a scanning sequence.

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75. (Previously Added) The method of claim 67, wherein the control equipment simulates magnetic resonance imaging scanner diagnostic equipment.

76. (Currently Amended) The method of claim ~~67~~ 69, further comprising disposing ~~informational~~ within the presentation area, printed material relevant to including technical and operational information about the operational magnetic resonance imaging scanner device.

77. (Currently Amended) The method of claim ~~67~~ 69, further comprising disposing ~~marketing~~ within the presentation area, printed material relevant to including marketing information about the operational magnetic resonance imaging scanner device.

78. (Currently Amended) The method of claim ~~68~~ 72, further comprising:
distributing questionnaires to the viewers after providing the visual presentation;
asking the viewers to respond to questions on the questionnaire;
retrieving questionnaire responses;
analyzing the responses; and
determining whether changes should be made to ~~either~~ any of the simulated scanner, the operational magnetic resonance imaging scanner, and scanner marketing material, based on the analysis.

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79. (Previously Added) The method of claim 68, wherein the viewers are medical technicians, further comprising allowing at least one of the medical technicians to operate the control equipment.

80. (Previously Added) The method of claim 68, wherein the viewers are potential patients, further comprising allowing at least one of the potential patients to enter a scan space of the scanner device.
